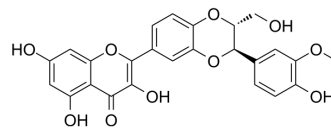


## 2,3-Dehydrosilybin A

Cat. No.:	HY-N12360
CAS No.:	25166-14-7
Molecular Formula:	C <sub>25</sub> H <sub>20</sub> O <sub>10</sub>
Molecular Weight:	480.42
Target:	Amyloid-β
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	2,3-Dehydrosilybin A is a pro-longevity and anti-aggregation compound <sup>[1]</sup> .
In Vitro	<p>2,3-dehydrosilybin A (DHS A) promotes lifespan extension in <i>C. elegans</i><sup>[1]</sup>.</p> <p>2,3-dehydrosilybin A promotes resistance to stress in human cells and in <i>C. elegans</i><sup>[1]</sup>.</p> <p>2,3-dehydrosilybin A exerts anti-aggregation properties in human cells and nematodes<sup>[1]</sup>.</p> <p>2,3-dehydrosilybin A leads to decelerated progression of Alzheimer's disease phenotype<sup>[1]</sup>.</p> <p>2,3-dehydrosilybin A outcomes in <i>C. elegans</i> are FGT-1- and DAF-16- dependent<sup>[1]</sup>.</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

### REFERENCES

[1]. Konstantina Filippopoulou, et al. 2,3-Dehydrosilybin A/B as a pro-longevity and anti-aggregation compound. *Free Radic Biol Med.* 2017 Feb;103:256-267.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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